Susan D Healy

List of Publications by Year
in descending order

141 papers	4,992 citations	101543 36 h-index	114465 63 g-index
144 all docs	144 docs citations	144 times ranked	3757 citing authors

#	Article	IF	Citations
1	It Began in Ponds and Rivers: Charting the Beginnings of the Ecology of Fish Cognition. Frontiers in Veterinary Science, 2022, 9, 823143.	2.2	3
2	Involvement of the neural social behaviour network during social information acquisition in zebra finches (Taeniopygia guttata). Learning and Behavior, 2022, 50, 189-200.	1.0	1
3	Size is relative: use of relational concepts by wild hummingbirds. Proceedings of the Royal Society B: Biological Sciences, 2022, 289, 20212508.	2.6	1
4	Space, the original frontier. Current Opinion in Behavioral Sciences, 2022, 44, 101106.	3.9	0
5	The rationality of decisions depends on behavioural context. Behavioural Processes, 2021, 182, 104293.	1.1	1
6	Manipulative and Technological Skills Do Not Require a Slow Life History. Frontiers in Ecology and Evolution, 2021, 9, .	2.2	3
7	Object manipulation without hands. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20203184.	2.6	5
8	Not by transmission alone: the role of invention in cultural evolution. Philosophical Transactions of the Royal Society B: Biological Sciences, 2021, 376, 20200049.	4.0	18
9	A nonâ€destructive approach to collect nest material data using photographs. Ibis, 2021, 163, 1457-1462.	1.9	7
10	Learning and Animal Movement. Frontiers in Ecology and Evolution, 2021, 9, .	2.2	28
11	Hummingbirds modify their routes to avoid a poor location. Learning and Behavior, 2021, , 1.	1.0	0
12	Reproductive consequences of material use in avian nest construction. Behavioural Processes, 2021, 193, 104507.	1.1	6
13	Estimating on the fly: The approximate number system in rufous hummingbirds (Selasphorus rufus). Learning and Behavior, 2021, 49, 67-75.	1.0	3
14	Wild fledgling tits do not mob in response to conspecific or heterospecific mobbing calls. Ibis, 2020, 162, 1024-1032.	1.9	10
15	Neural Circuits Underlying Nest Building in Male Zebra Finches. Integrative and Comparative Biology, 2020, 60, 943-954.	2.0	7
16	Numerical ordinality in a wild nectarivore. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20201269.	2.6	5
17	Juvenile socio-ecological environment shapes material technology in nest-building birds. Behavioral Ecology, 2020, 31, 892-901.	2.2	18
18	Ecology and allometry predict the evolution of avian developmental durations. Nature Communications, 2020, 11, 2383.	12.8	42

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19	The Impact of Acute Loud Noise on the Behavior of Laboratory Birds. Frontiers in Veterinary Science, 2020, 7, 607632.	2.2	3
20	Itâ€™s not all about temperature: breeding success also affects nest design. Behavioral Ecology, 2020, 31, 1065-1072.	2.2	21
21	Nest Building in Birds. , 2019, , 523-532.		1
22	Early-life adversity programs long-term cytokine and microglia expression within the HPA axis in female Japanese quail.. Journal of Experimental Biology, 2019, 222, .	1.7	6
23	Social learning about construction behaviour via an artefact. Animal Cognition, 2019, 22, 305-315.	1.8	14
24	Animal cognition. Integrative Zoology, 2019, 14, 128-131.	2.6	3
25	From a sequential pattern, temporal adjustments emerge in hummingbird traplining. Integrative Zoology, 2019, 14, 182-192.	2.6	8
26	The face of animal cognition. Integrative Zoology, 2019, 14, 132-144.	2.6	13
27	Social learning in nestâ€building birds watching liveâ€streaming video demonstrators. Integrative Zoology, 2019, 14, 204-213.	2.6	15
28	Taking an insect-inspired approach to bird navigation. Learning and Behavior, 2018, 46, 7-22.	1.0	14
29	Wild hummingbirds require a consistent view of landmarks to pinpoint a goal location. Animal Behaviour, 2018, 137, 83-94.	1.9	12
30	The roles of vocal and visual interactions in social learning zebra finches: A video playback experiment. Behavioural Processes, 2017, 139, 43-49.	1.1	13
31	A comparative study of how British tits encode predator threat in their mobbing calls. Animal Behaviour, 2017, 125, 77-92.	1.9	44
32	Wild hummingbirds can use the geometry of a flower array. Behavioural Processes, 2017, 139, 33-37.	1.1	3
33	Hoo are you? Tits do not respond to novel predators as threats. Animal Behaviour, 2017, 128, 79-84.	1.9	16
34	Variation in Reproductive Success Across Captive Populations: Methodological Differences, Potential Biases and Opportunities. Ethology, 2017, 123, 1-29.	1.1	60
35	Nest site selection and patterns of nest re-use in the Hooded Crow Corvus cornix. Bird Study, 2017, 64, 374-385.	1.0	4
36	Food Storing and Memory. , 2017, , 52-74.		3

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37	Adjusting foraging strategies: a comparison of rural and urban common mynas (Acridotheres tristis). Animal Cognition, 2017, 20, 65-74.	1.8	21
38	Social learning in nest-building birds: a role for familiarity. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20152685.	2.6	54
39	Assessment of health in human faces is context-dependent. Behavioural Processes, 2016, 125, 89-95.	1.1	0
40	Why study cognition in the wild (and how to test it)?. Journal of the Experimental Analysis of Behavior, 2016, 105, 41-55.	1.1	73
41	Sex differences in performance on a cognitive bias task in Norway rats. Behavioural Processes, 2016, 133, 52-55.	1.1	5
42	Nest-building males trade off material collection costs with territory value. Emu, 2016, 116, 1-8.	0.6	24
43	Wild rufous hummingbirds use local landmarks to return to rewarded locations. Behavioural Processes, 2016, 122, 59-66.	1.1	12
44	Presentation order affects decisions made by foraging hummingbirds. Behavioral Ecology and Sociobiology, 2016, 70, 21-26.	1.4	3
45	Image analysis of weaverbird nests reveals signature weave textures. Royal Society Open Science, 2015, 2, 150074.	2.4	7
46	More data required: a comment on Croston et al.. Behavioral Ecology, 2015, 26, 1462-1462.	2.2	1
47	Cognition and personality: an analysis of an emerging field. Trends in Ecology and Evolution, 2015, 30, 207-214.	8.7	268
48	Birds build camouflaged nests. Auk, 2015, 132, 11-15.	1.4	41
49	Timeâ€“place learning in wild, free-living hummingbirds. Animal Behaviour, 2015, 104, 123-129.	1.9	22
50	From neurons to nests: nest-building behaviour as a model in behavioural and comparative neuroscience. Journal of Ornithology, 2015, 156, 133-143.	1.1	35
51	The coevolution of building nests on the ground and domed nests in Timaliidae. Auk, 2015, 132, 584-593.	1.4	27
52	Traplining in hummingbirds: flying short-distance sequences among several locations. Behavioral Ecology, 2015, 26, 812-819.	2.2	48
53	Effects of landmark distance and stability on accuracy of reward relocation. Animal Cognition, 2015, 18, 1285-1297.	1.8	20
54	Communal nesting by Hooded Crows. Bird Study, 2015, 62, 423-426.	1.0	0

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55	Nest building, the forgotten behaviour. Current Opinion in Behavioral Sciences, 2015, 6, 90-96.	3.9	30
56	Animal cognition in the wild. Behavioural Processes, 2014, 109, 101-102.	1.1	3
57	Mechanisms of copying behaviour in zebra finches. Behavioural Processes, 2014, 108, 177-182.	1.1	16
58	Physical cognition: birds learn the structural efficacy of nest material. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20133225.	2.6	71
59	Neural correlates of nesting behavior in zebra finches (Taeniopygia guttata). Behavioural Brain Research, 2014, 264, 26-33.	2.2	26
60	Food preference and copying behaviour in zebra finches, Taeniopygia guttata. Behavioural Processes, 2014, 109, 145-150.	1.1	12
61	Wild, free-living hummingbirds can learn what happened, where and in which context. Animal Behaviour, 2014, 89, 185-189.	1.9	17
62	Wild, free-living rufous hummingbirds do not use geometric cues in a spatial task. Behavioural Processes, 2014, 108, 138-141.	1.1	11
63	Measuring cognition will be difficult but worth it: a response to comments on Rowe and Healy. Behavioral Ecology, 2014, 25, 1298-1298.	2.2	4
64	Individual differences in decision making by foraging hummingbirds. Behavioural Processes, 2014, 109, 195-200.	1.1	12
65	Three-dimensional space: locomotory style explains memory differences in rats and hummingbirds. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20140301.	2.6	22
66	Colour cues facilitate learning flower refill schedules in wild hummingbirds. Behavioural Processes, 2014, 109, 157-163.	1.1	13
67	Wild hummingbirds rely on landmarks not geometry when learning an array of flowers. Animal Cognition, 2014, 17, 1157-1165.	1.8	13
68	Zebra finches select nest material appropriate for a building task. Animal Behaviour, 2014, 90, 237-244.	1.9	37
69	Female hummingbirds do not relocate rewards using colour cues. Animal Behaviour, 2014, 93, 129-133.	1.9	21
70	Colour preferences in nest-building zebra finches. Behavioural Processes, 2013, 99, 106-111.	1.1	17
71	Costs and benefits of evolving a larger brain: doubts over the evidence that large brains lead to better cognition. Animal Behaviour, 2013, 86, e1-e3.	1.9	35
72	Microsatellite variation in Rufous Hummingbirds (Selasphorus rufus) and evidence for a weakly structured population. Journal of Ornithology, 2013, 154, 1029-1037.	1.1	6

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73	Three-dimensional spatial learning in hummingbirds. Animal Behaviour, 2013, 85, 579-584.	1.9	13
74	What , where and when : deconstructing memory. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20132194.	2.6	24
75	Are Elaborate Bird Nests Built Using Simple Rules?. Avian Biology Research, 2013, 6, 157-162.	0.9	23
76	The evolution of cerebellum structure correlates with nest complexity. Biology Letters, 2013, 9, 20130687.	2.3	56
77	Zebra Finches Build Nests that do not Resemble their Natal Nest. Avian Biology Research, 2012, 5, 218-226.	0.9	17
78	Deterring hooded crows from re-nesting on power poles. Wildlife Society Bulletin, 2012, 36, 729-734.	1.6	6
79	Vocal mimicry in spotted bowerbirds is associated with an alarming context. Journal of Avian Biology, 2012, 43, 525-530.	1.2	14
80	Context-dependent decisions among options varying in a single dimension. Behavioural Processes, 2012, 89, 115-120.	1.1	36
81	Animal Cognition: The Trade-off to Being Smart. Current Biology, 2012, 22, R840-R841.	3.9	16
82	One-trial spatial learning: wild hummingbirds relocate a reward after a single visit. Animal Cognition, 2012, 15, 631-637.	1.8	22
83	Do a flowerâ€™s features help hummingbirds to learn its contents and refill rate?. Animal Behaviour, 2012, 83, 1163-1169.	1.9	16
84	Visual lateralization is task and age dependent in cuttlefish, Sepia officinalis. Animal Behaviour, 2012, 83, 1313-1318.	1.9	59
85	Individuality in nest building: Do Southern Masked weaver (Ploceus velatus) males vary in their nest-building behaviour?. Behavioural Processes, 2011, 88, 1-6.	1.1	55
86	Emotionality in growing pigs: Is the open field a valid test?. Physiology and Behavior, 2011, 104, 906-913.	2.1	52
87	Vocal mimicry. Current Biology, 2011, 21, R9-R10.	3.9	10
88	The role of adult experience in nest building in the zebra finch, Taeniopygia guttata. Animal Behaviour, 2011, 82, 185-189.	1.9	58
89	The mimetic repertoire of the spotted bowerbird Ptilonorhynchus maculatus. Die Naturwissenschaften, 2011, 98, 501-507.	1.6	18
90	Is Bigger Always Better?. Science, 2011, 333, 708-709.	12.6	6

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91	Hummingbirds choose not to rely on good taste: information use during foraging. Behavioral Ecology, 2011, 22, 471-477.	2.2	15
92	Do rufous hummingbirds (Selasphorus rufus) use visual beacons?. Animal Cognition, 2010, 13, 377-383.	1.8	31
93	Both the past and the present affect risk-sensitive decisions of foraging rufous hummingbirds. Behavioral Ecology, 2010, 21, 626-632.	2.2	27
94	Zebra Finches and cognition. Emu, 2010, 110, 242-250.	0.6	18
95	Vocal mimicry in male bowerbirds: who learns from whom?. Biology Letters, 2010, 6, 626-629.	2.3	13
96	Repeatability of nest morphology in African weaver birds. Biology Letters, 2010, 6, 149-151.	2.3	68
97	Environmental enrichment enhances spatial cognition in rats by reducing thigmotaxis (wall hugging) during testing. Animal Behaviour, 2009, 77, 1459-1464.	1.9	69
98	Dairy cows trade-off feed quality with proximity to a dominant individual in Y-maze choice tests. Applied Animal Behaviour Science, 2009, 117, 159-164.	1.9	27
99	Influence of sex steroid hormones on spatial memory in a songbird. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2008, 194, 963-969.	1.6	22
100	Vocal mimicry in songbirds. Animal Behaviour, 2008, 76, 521-528.	1.9	92
101	Sex differences, or not, in spatial cognition in albino rats: acute stress is the key. Animal Behaviour, 2008, 76, 1579-1589.	1.9	27
102	Sex differences in spatial cognition are not caused by isolation housing. Behaviour, 2008, 145, 757-778.	0.8	11
103	Spatial ability is impaired and hippocampal mineralocorticoid receptor mRNA expression reduced in zebra finches (Taeniopygia guttata) selected for acute high corticosterone response to stress. Proceedings of the Royal Society B: Biological Sciences, 2007, 274, 239-245.	2.6	77
104	A critique of comparative studies of brain size. Proceedings of the Royal Society B: Biological Sciences, 2007, 274, 453-464.	2.6	413
105	Spatial relational learning in rufous hummingbirds (Selasphorus rufus). Animal Cognition, 2006, 9, 201-205.	1.8	55
106	Timing in Free-Living Rufous Hummingbirds, Selasphorus rufus. Current Biology, 2006, 16, 512-515.	3.9	141
107	Hummingbirds. Current Biology, 2006, 16, R392-R393.	3.9	5
108	Imprinting: Seeing Food and Eating It. Current Biology, 2006, 16, R501-R502.	3.9	4

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109	Differences in cue use and spatial memory in men and women. Proceedings of the Royal Society B: Biological Sciences, 2006, 273, 2241-2247.	2.6	51
110	Preference for spatial cues in a non-storing songbird species. Animal Cognition, 2005, 8, 211-214.	1.8	35
111	The hippocampus, spatial memory and food hoarding: a puzzle revisited. Trends in Ecology and Evolution, 2005, 20, 17-22.	8.7	106
112	Response to Francis: Puzzles are a challenge, not a frustration. Trends in Ecology and Evolution, 2005, 20, 477.	8.7	1
113	Comparative evaluation and its implications for mate choice. Trends in Ecology and Evolution, 2005, 20, 659-664.	8.7	236
114	Spatial Learning and Memory in Birds. Brain, Behavior and Evolution, 2004, 63, 211-220.	1.7	51
115	Cognitive Ecology: Foraging in Hummingbirds as a Model System. Advances in the Study of Behavior, 2003, 32, 325-359.	1.6	31
116	Contextâ€“dependent foraging decisions in rufous hummingbirds. Proceedings of the Royal Society B: Biological Sciences, 2003, 270, 1271-1276.	2.6	143
117	The evolution of sex differences in spatial ability.. Behavioral Neuroscience, 2003, 117, 403-411.	1.2	236
118	Cue learning by rufous hummingbirds (Selasphorus rufus).. Journal of Experimental Psychology, 2002, 28, 209-223.	1.7	30
119	â€˜Neuroecologistsâ€™ are not made of straw. Trends in Cognitive Sciences, 2002, 6, 6-7.	7.8	65
120	Irrational choices in hummingbird foraging behaviour. Animal Behaviour, 2002, 63, 587-596.	1.9	121
121	Animal learning and memory: an integration of cognition and ecology. Zoology, 2002, 105, 321-327.	1.2	28
122	Cue learning by rufous hummingbirds (Selasphorus rufus). Journal of Experimental Psychology, 2002, 28, 209-23.	1.7	18
123	Foraging and spatial learning in hummingbirds. , 2001, , 127-147.		18
124	The Function of Displays of Male Rufous Hummingbirds. Condor, 2001, 103, 647-651.	1.6	20
125	Rufous hummingbirds' memory for flower location. Animal Behaviour, 2001, 61, 981-986.	1.9	78
126	THE FUNCTION OF DISPLAYS OF MALE RUFOUS HUMMINGBIRDS. Condor, 2001, 103, 647.	1.6	15

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127	Spatial working memory in rats: no differences between the sexes. Proceedings of the Royal Society B: Biological Sciences, 1999, 266, 2303-2308.	2.6	95
128	Rufous hummingbirds' (Selasphorus rufus) memory for flowers: Patterns or actual spatial locations?. Journal of Experimental Psychology, 1998, 24, 396-404.	1.7	51
129	Memory for flowers in rufous hummingbirds: location or local visual cues?. Animal Behaviour, 1996, 51, 1149-1157.	1.9	98
130	Memory for Locations of Stored Food in Willow Tits and Marsh Tits. Behaviour, 1996, 133, 71-80.	0.8	31
131	Food Storing and the Hippocampus in Paridae. Brain, Behavior and Evolution, 1996, 47, 195-199.	1.7	122
132	Comparing spatial memory in two species of tit: Recalling a single positive location. Learning and Behavior, 1992, 20, 121-126.	3.4	40
133	Spatial memory of food-storing tits (Parus ater and P. atricapillus): Comparison of storing and nonstoring tasks.. Journal of Comparative Psychology (Washington, D C: 1983), 1990, 104, 71-81.	0.5	39
134	Spatial memory of paridae: comparison of a storing and a non-storing species, the coal tit, Parus ater, and the great tit, P. major. Animal Behaviour, 1990, 39, 1127-1137.	1.9	87
135	Comparative Studies of the Brain and Its Components. Animal Biology, 1989, 40, 203-214.	0.4	4
136	What hummingbirds can tell us about cognition in the wild. Comparative Cognition and Behavior Reviews, 0, 8, 13-28.	2.0	30
137	Spatial Cognition in Birds. , 0, , 6-29.		2
138	Spatial Cognition and Ecology: Hummingbirds as a Case Study. , 0, , 30-51.		0
139	Solving Foraging Problems: Top-down and Bottom-up Perspectives on the Role of Cognition. , 0, , 119-140.		2
140	Physical Cognition and Tool Use in Birds. , 0, , 163-183.		7
141	What Can Nest-Building Birds Teach Us?. Comparative Cognition and Behavior Reviews, 0, 11, 83-102.	2.0	44